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FAX COVER SHEET

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FAX NO.: 703-872-9306

Applicant(s): James M. Thommes
Docket No: ITW 7188.64
Serial No: 10/774128
Group Art Unit: 2838
Filed: February 5, 2004
Examiner: Shaw, C.
FOR: Method And Apparatus For Receiving A Universal Input Voltage In A Welding Power Source

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attachments:

Failure to Acceptably Respond to Notice of Non-Compliant Amendment & Response
Abstract
Amendment & Response
Amendment Transmittal (duplicate)
Terminal Disclaimer
CC Form

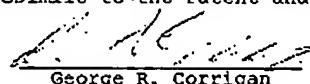
Total pages (including this sheet): 24

DATE/TIME TRANSMITTED: February 16, 2005

IF NOT ALL PAGES HAVE BEEN RECEIVED, OR THERE ARE ANY PAGES MISSING, PLEASE CALL (920) 954-1099

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George R. Corrigan

Date: Feb 16, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT

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Sir:

Herewith is an amendment for the application identified above, in response to the Office Action of September 22, 2004. The Assistant Commissioner For Patents is hereby petitioned for an extension of 2 months pursuant to 37 CFR 1.136(a).

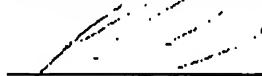
FEE CALCULATION, CLAIMS AS AMENDED:

| Claims after amendment | Previously paid for | Present Extra | Additional Fee |
|------------------------------------|---------------------|---------------|----------------|
| All claims: 53 minus 56 | = 0 | X \$50.00 = | \$0.00 |
| Ind. claims: 11 minus 16 | = 0 | X \$200.00 = | \$0.00 |
| Fee for 2 month extension of time: | | | \$450.00 |
| Fee for terminal disclaimer: | | | \$110.00 |

TOTAL ADDITIONAL FEE: \$560.00

Please charge this fee of \$560.00, and any additional fees that may be due to the credit card identified on the attached form PTO-2038. Any deficiencies may be charged to Deposit Acct. No. 50-0599.

Respectfully Submitted



George R. Corrigan, Reg. No. 34,803
Corrigan Law Office 02/16/2005 BONNER 00000013 500599 10774128
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450.00 0P

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George R. Corrigan

Date: Feb 16, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT

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Respectfully Submitted

George R. Corrigan 02/17/2005 BONNER 00000001 500599 10774128
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Appleton, WI 54916 Ref: 00000013 DA#: 500599 10774128

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110.00 OP



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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/774,128 | 02/05/2004 | James M. Thommes | ITW 7188.64 | 8416 |
| 23721 | 7590 | 02/09/2005 | | |
| CORRIGAN LAW OFFICE 5 BRIARCLIFF CT APPLETON, WI 54915 | | | EXAMINER | |
| | | | SHAW, CLIFFORD C | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 1725 | |

DATE MAILED: 02/09/2005

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Please find below and/or attached an Office communication concerning this application or proceeding.

Attorney's Docket No. ITW 8637.62

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Steven J. Geissler
 Application No.: 10/826534
 Group Art Unit: 2838
 Filed: April 16, 2004
 For: Method And Apparatus For Receiving A Universal Input Voltage In A
 Welding, Plasma Or Heating Power Source

Assistant Commissioner for Patents
 Washington, D.C. 20231

TERMINAL DISCLAIMER TO OBLIGATE A DOUBLE
 PATENTING REJECTION (37 CFR 1.321(c))

Identification of Persons Making This Disclaimer
 I, George R. Corrigan, represent that I am the attorney of
 record for this invention.

IDENTITY OF ASSIGNEE AND TITLE OF DISCLAIMER

The assignee is Illinois Tool Works Inc.

EXTENT OF DISCLAIMERS INTEREST

The extent of the interest in this invention that the disclaimant owns
 is in the whole of this invention.

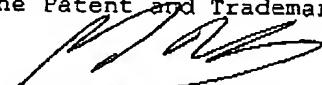
DISCLAIMER

The terminal part of the statutory term of any patent
 granted on the above-identified application, which would extend beyond
 the expiration date of the full statutory term defined in 35 U.S.C.
 154 to 156 and 173 of United States Patent No. 6,329,636 and
 6,815,639, as presently shortened by any terminal disclaimer, is
 hereby disclaimed, except as provided below, and it is agreed that any
 patent so granted on the above-identified application shall be
 enforceable only for, and during, such period that the legal title to
 the patent shall be the same as the legal title to United States
 Patent No. 6,329,636 and 6,815,639, this agreement to run with any
 patent granted on the above identified application and to be binding
 upon the grantee, its successors or assigns.

CERTIFICATION 37 CFR 1.8(a) and 1.10

I hereby certify that this correspondence is, on the date shown below, being:
 transmitted by facsimile to the Patent and Trademark Office.

Date: Feb. 16, 2005



George R. Corrigan

02/17/2005 BONNER 00000001 500599 10774128

Sale Ref: 00000013 DAH: 500599 10774128

Page 1 of 2
 02 FC:1814 20.00 DA 110.00 OP



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**Failure to Acceptably Respond to
 Notice of Non-Compliant Amendment (37 CFR 1.121)
*No New Time Period for Reply is Provided***

The amendment document filed on 1-19-05 fails to provide the corrective action required by the prior Notice of Non-Compliant Amendment (37 CFR 1.121) mailed on 1-6-05. The amendment, including both the originally filed amendment and the amendment filed in response to the prior notice, is still considered to be non-compliant under 37 CFR 1.121. In order for the amendment document to be compliant, correction of the item(s) listed below is required. Only the corrected section of the non-compliant amendment document must be resubmitted (in its entirety), e.g., the entire "Amendments to the claims" section of applicant's amendment document must be re-submitted. 37 CFR 1.121(h).

The period for reply continues to run from the mailing date of the prior Notice of Non-Compliant Amendment. The corrections listed below must be timely filed to avoid abandonment of the application. No new time period for reply is provided in this communication. See the Manual of Patent Examining Procedure (MPEP) § 714.03.

If the period for reply set forth in the prior Notice of Non-Compliant Amendment has expired, this application will become abandoned unless applicant: (1) corrects the deficiency, and (2) obtains an extension of time under 37 CFR 1.136(a). In no case may an applicant reply outside the SIX (6) MONTH statutory period or obtain an extension for more than FIVE (5) MONTHS beyond the date for reply set forth in the prior Notice of Non-Compliant Amendment (37 CFR 1.121).

THE FOLLOWING CHECKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- 1. Amendments to the specification:
 - A. Amended paragraph(s) do not include markings.
 - B. New paragraph(s) should not be underlined.
 - C. Other _____
- 2. Abstract:
 - A. Not presented on a separate sheet. 37 CFR 1.72.
 - B. Other _____
- 3. Amendments to the drawings: _____
- 4. Amendments to the claims:
 - A. A complete listing of all of the claims is not present.
 - B. The listing of claims does not include the text of all pending claims (including withdrawn claims).
 - C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following 7 status identifiers: (Original), (Currently amended), (Canceled), (Withdrawn), (Previously presented), (New) and (Not entered).
 - D. The claims of this amendment paper have not been presented in ascending numerical order.
 - E. Other: _____

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714 and the USPTO website at <http://www.uspto.gov/web/offices/pac/dapp/ops/prenotice/officeflyer.pdf>.

Supervisory Legal Instruments Examiner (SLIE)

Telephone No.

Felicia A. Ah

571272 0986

Rev. 7/04

In making the above disclaimer, disclaimant does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 USC 154 to 156 and 173 of United States Patent No. 6,329,636 and 6,815,639 in the event that it later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued in any matter or is terminated prior to expiration of its full statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

FEE

(37 CFR 1.20(d))

Please charge the fee of \$110.00, and any other fee that may be due, to deposit account No ~~50-0599~~.

Reg. NO. 34,803

~~SIGNATURE OF ATTORNEY~~

George R. Corrigan
Corrigan Law Office
5 BriarCliff Ct.
Appleton, WI 54915

Tel. No. (920) 954-1099

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Page 2 of 2

- 25 -

ABSTRACT OF THE DISCLOSURE

A method and apparatus for providing a welding current is disclosed. The power source is capable of receiving any input voltage over a wide range of input voltages and includes an input rectifier that rectifies the ac input into a dc signal. A dc voltage stage converts the dc signal to a desired dc voltage and an inverter inverts the dc signal into a second ac signal. An output transformer receives the second ac signal and provides a third ac signal that has a current magnitude suitable for welding. The welding current may be rectified and smoothed by an output inductor and an output rectifier. A controller provides control signals to the inverter and an auxiliary power controller that can receive a range of input voltages and provide a control power signal to the controller.

C:\WP\\$1\DOCS\GRCH\115LW\TEL138.APP November 15, 1994 135\W0091;mj

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Appl. No. 10/774128

FEB 1 6 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : James M. Thommes
Appl. No. : 10/774128
Filing Date : February 5, 2004
Title : Method And Apparatus For Receiving A
Universal Input Voltage In A Welding Power
Source

Group/Art Unit : 2838

Examiner: Shaw, C.

Docket No. : ITW 7188.64

AMENDMENT AND RESPONSE

Mail Stop Non-Fee
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the Examiner's Action of September 22, 2004 and the Failure to Acceptably Respond to Notice of Non-Compliant Amendment of February 9, 2005. The period for response to the original office action is hereby extended two months. Please amend the above-referenced application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 16 of this paper.